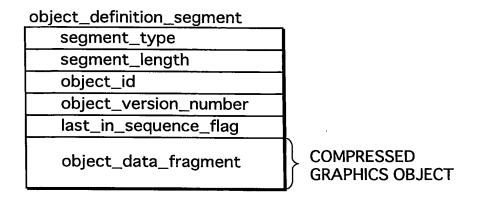
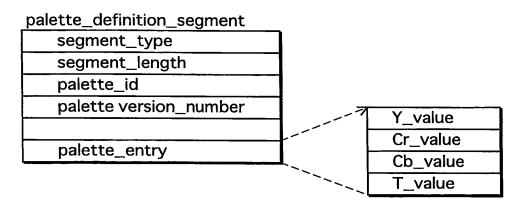
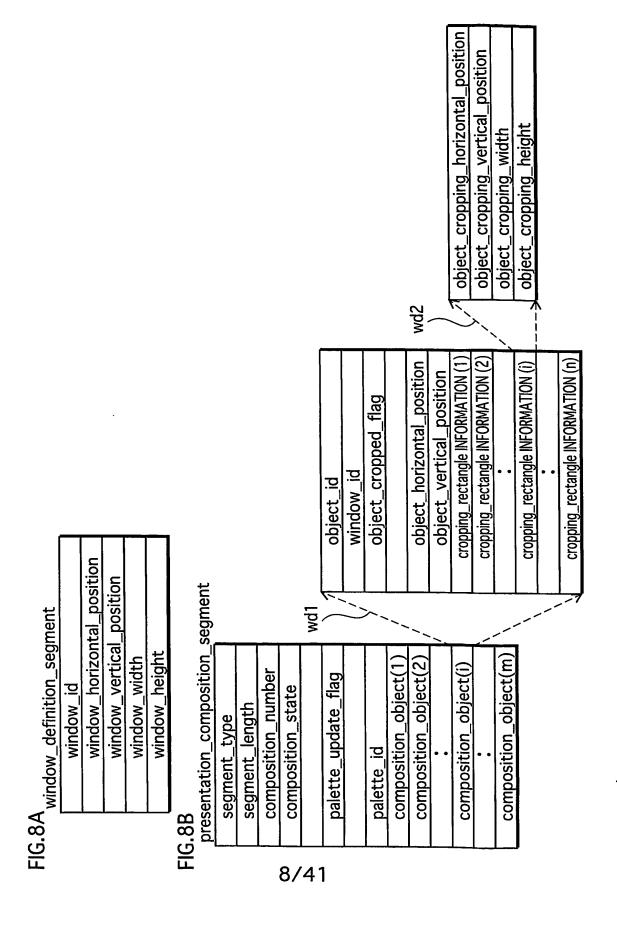


## FIG.7A



## FIG.7B





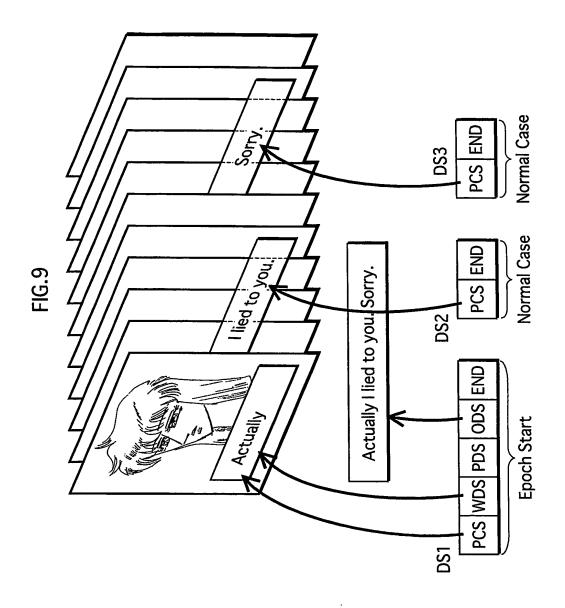
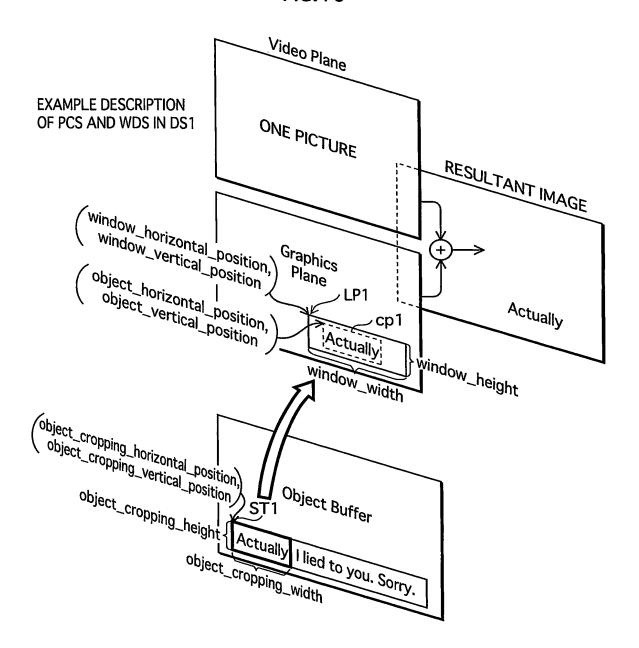


FIG.10



**FIG.11** 

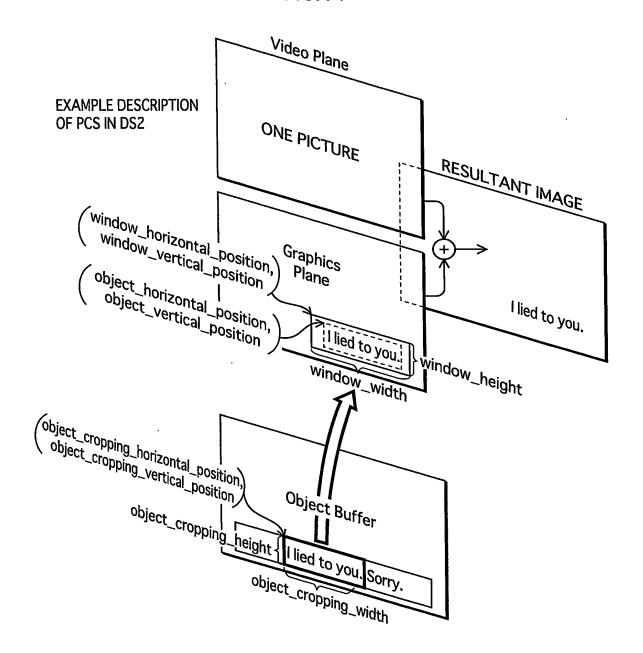
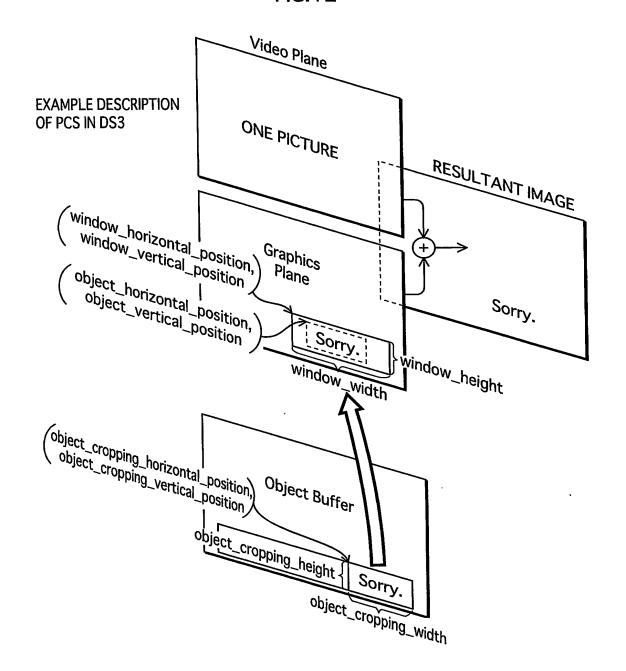
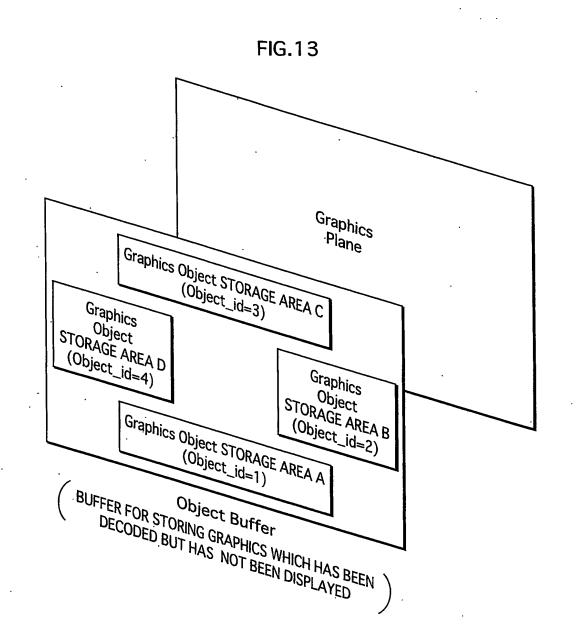
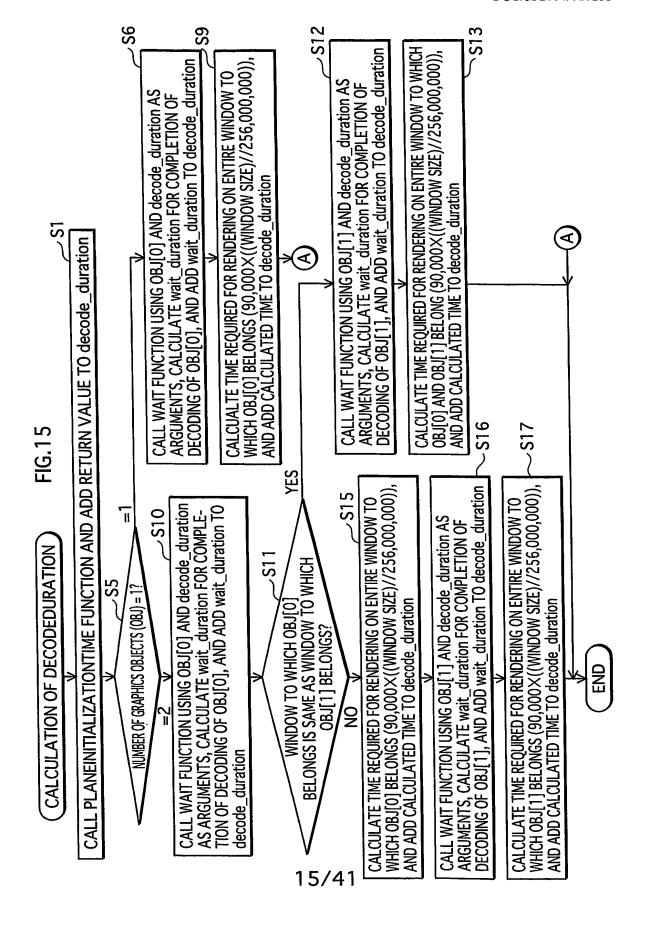


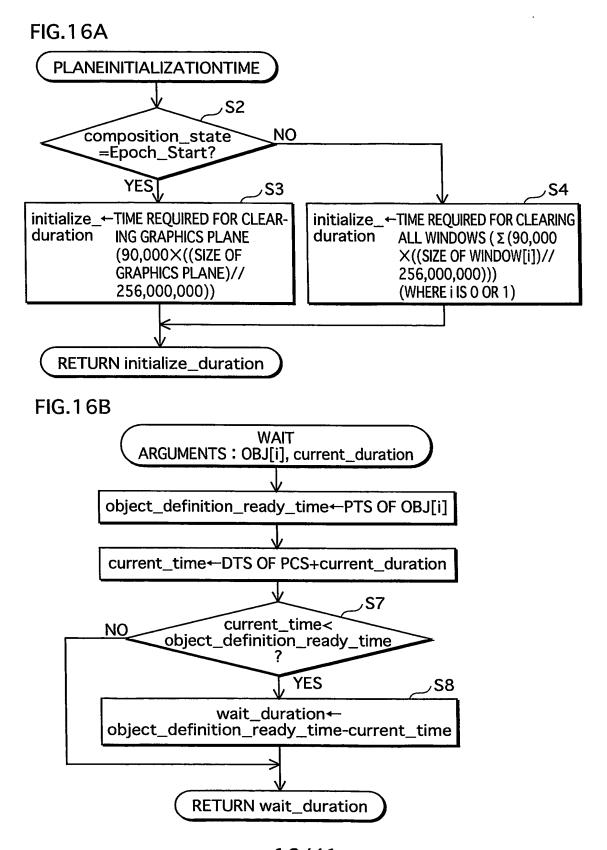
FIG.12



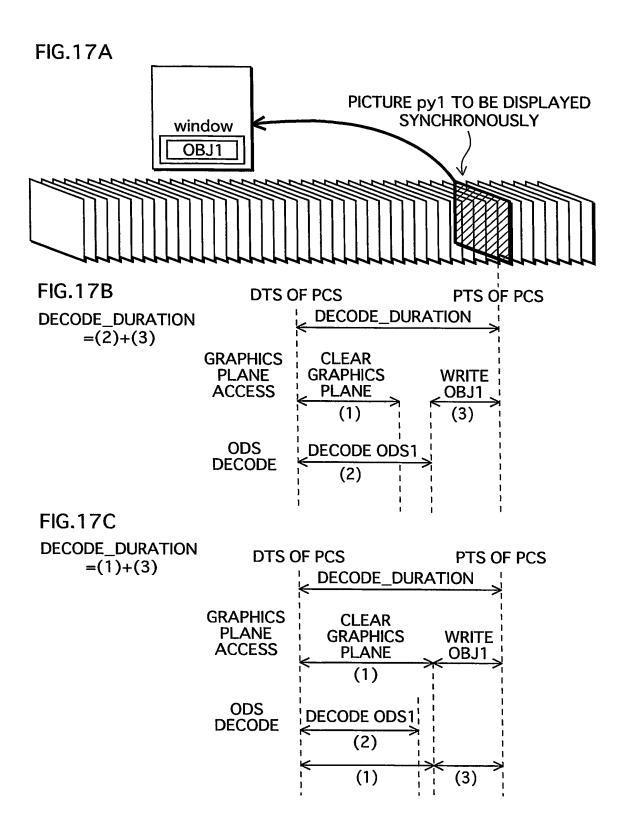


```
FIG. 14<sub>PTS</sub>( DSn[PCS)] )>=DTS( DSn[PCS] )+DECODEDURATION( DSn )
Where:
       DECODEDURATION(DSn) is calculated as follows:
    decode duration = 0:
    decode_duration += PLANEINITIALIZATIONTIME( DSn );
    if( DSn. PCS. num_of_objects == 2 )
        decode_duration += WAIT( DSn, DSn. PCS. OBJ[0], decode_duration );
        if( DSn. PCS. OBJ[0]. window_id == DSn. PCS. OBJ[1]. window_id )
                decode_duration += WAIT( DSn, DSn. PCS. OBJ[1], decode_duration );
                decode_duration += 90000*( SIZE( DSn. PCS. OBJ[0], window id )//256*10<sup>6</sup> );
        else
                decode\_duration += 90000*(SIZE(DSn. PCS. OBJ[0], window id)//256*10^6);
                decode_duration += WAIT( DSn, DSn. PCS. OBJ[1], decode_duration );
                decode_duration += 90000*(SIZE(DSn. PCS. OBJ[1]. window_id)//256*10^6);
    else if (DSn. PCS. num of objects == 1)
        decode_duration += WAIT( DSn, DSn, PCS, OBJ[0], decode_duration );
        decode_duration += 90000*(SIZE(DSn. PCS. OBJ[0]. window_id)//256*10^6);
    return decode_duration;
        PLANEINITIALIZATIONTIME( DSn ) is calculated as follows:
     initialize_duration=0;
     if( DSn. PCS. composition_state= = EPOCH_START )
       initialize_duration = 90000*(8*video width*video height//256*10<sup>6</sup>);
     }
     else
         for (i=0; i < WDS. num_windows; i++)
                if( EMPTY(DSn.WDS.WIN[i],DSn ) )
                       initialize_duration += 90000*(SIZE(DSn. WDS. WIN[i])//256*10^6);
     return initialize_duration;
         WAIT( DSn, OBJ, current_duration ) is calculated as follows:
     wait duration = 0:
     if( EXISTS( OBJ. object_id, DSn ) )
         object_definition_ready_time = PTS( GET( OBJ. object_id. DSn ) );
         current_time = DTS( DSn. PCS )+current_duration;
         if( current_time < object_definition_ready_time )</pre>
                 wait_duration += object_definition_ready_time - current_time );
     return wait duration;
                                      14/41
```

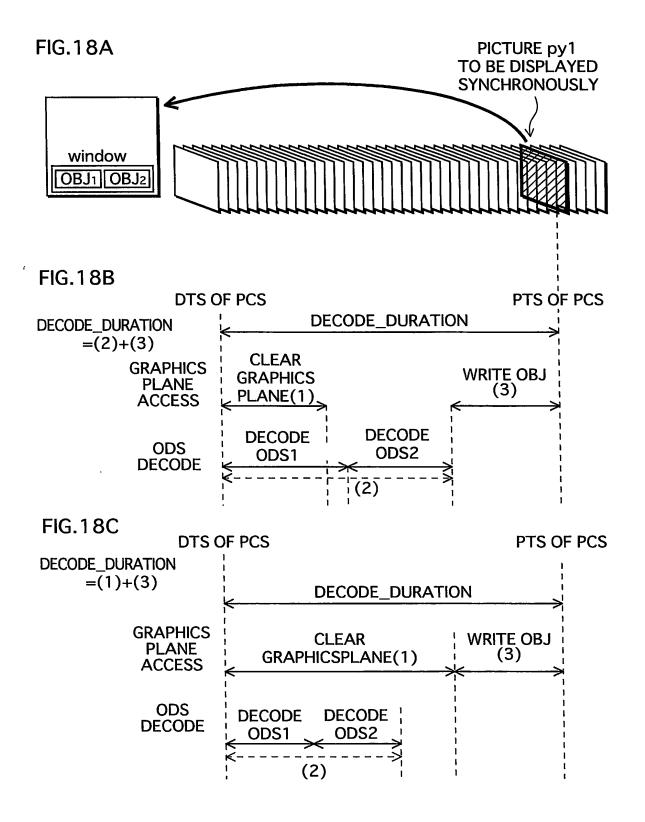




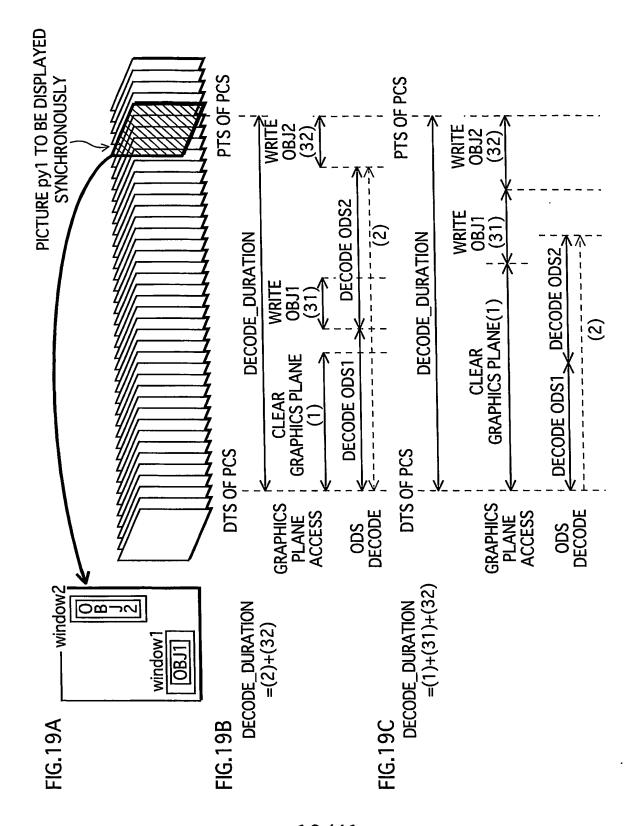
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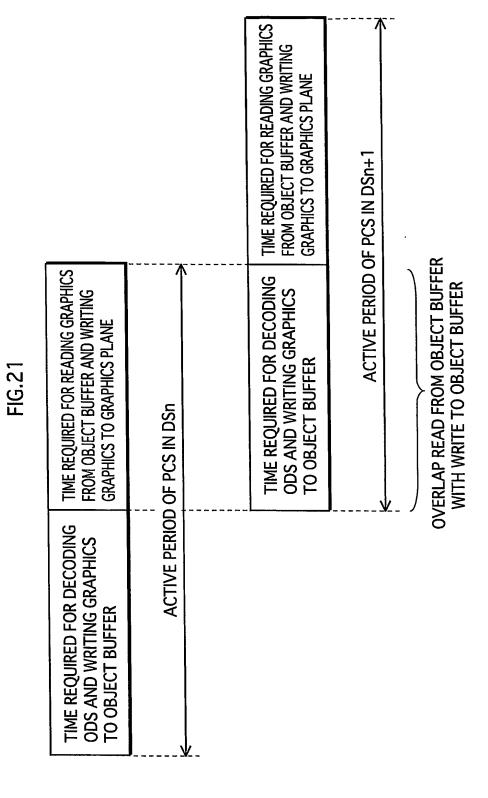
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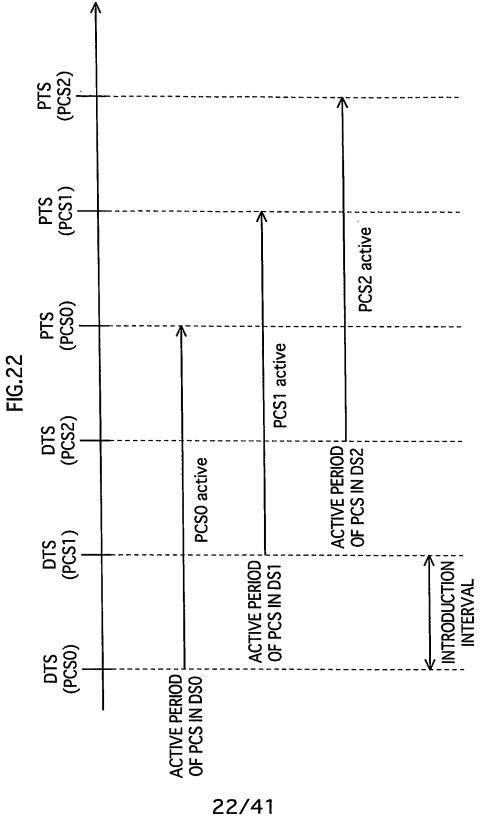
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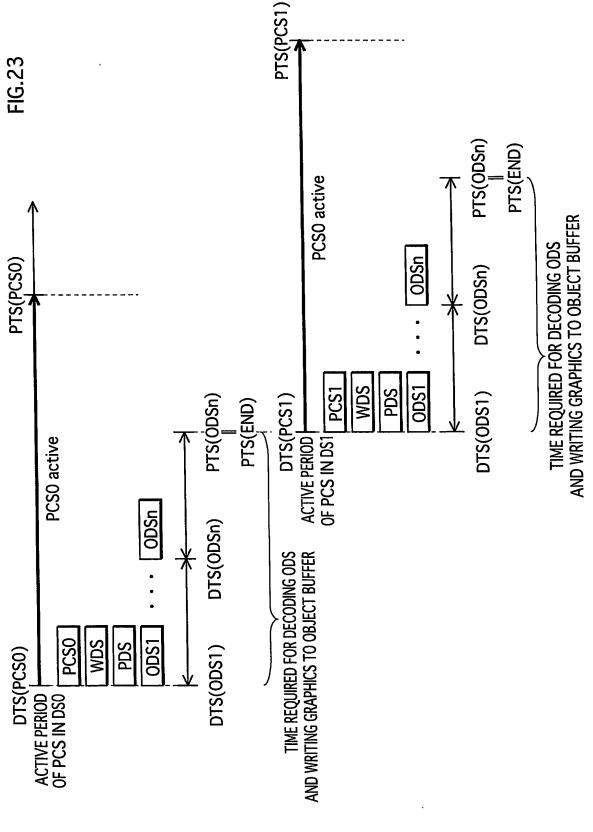
FIG.20

TIME REQUIRED FOR DECODING OBJECT BUFFER AND WRITING GRAPHICS TO OBJECT BUFFER AND WRITING GRAPHICS TO OBJECT BUFFER AND WRITING GRAPHICS TO GRAPHICS PLANE	ACTIVE PERIOD OF PCS IN DS
TIME REQUIRED FOR DECODING ODS AND WRITING GRAPHICS TO OBJECT BUFFER	ACTIVE PEF

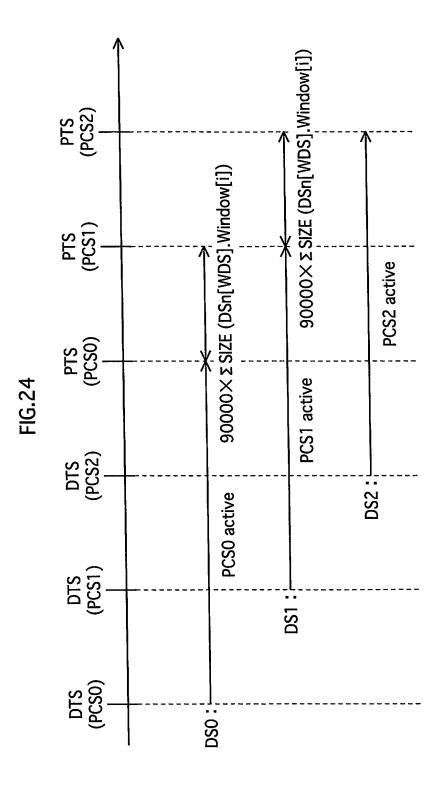


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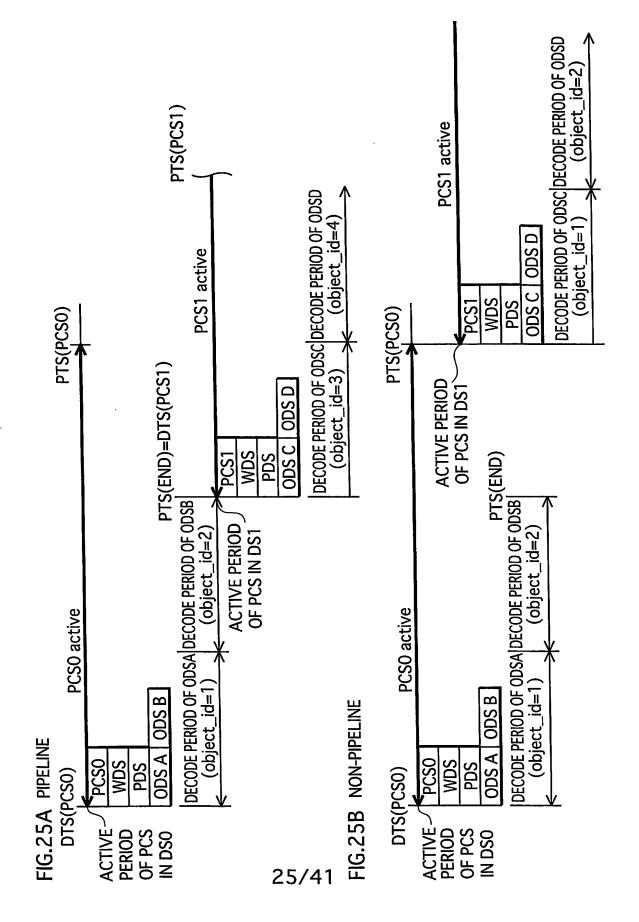


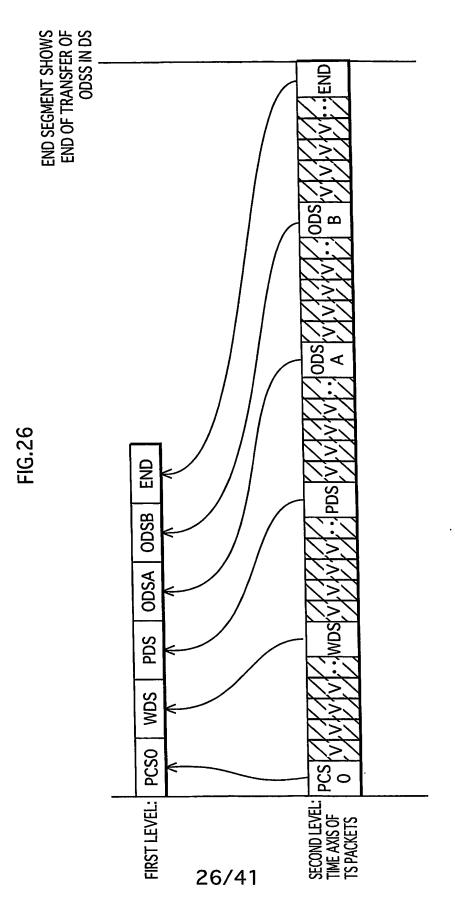


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FIG.27A SCREEN COMPOSITION

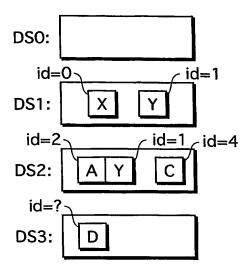


FIG.27B ACTIVE PERIOD OVERLAPPING AND ODS TRANSFER

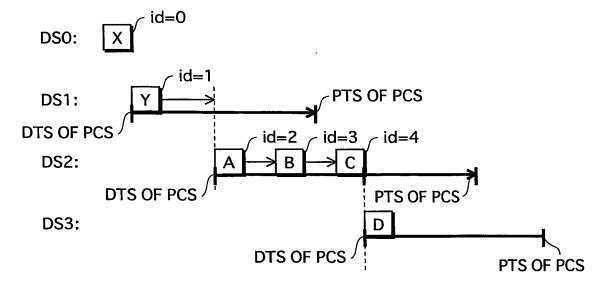
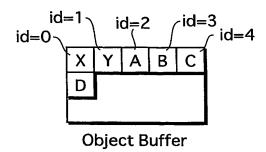
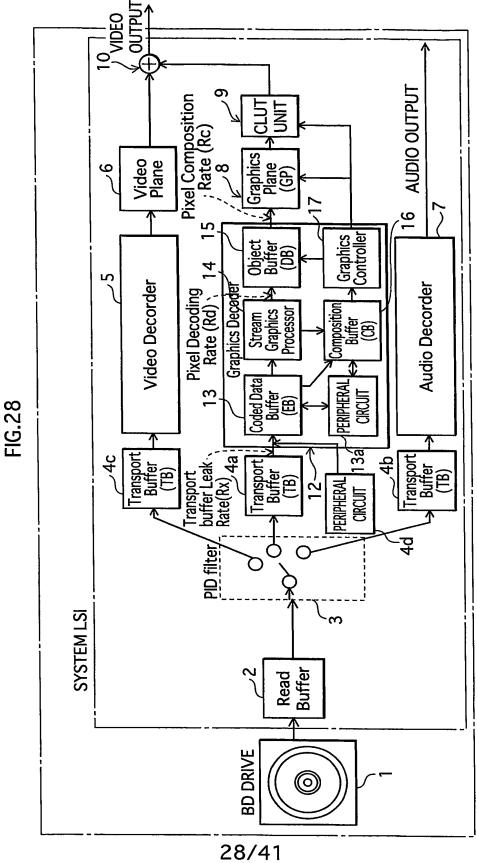
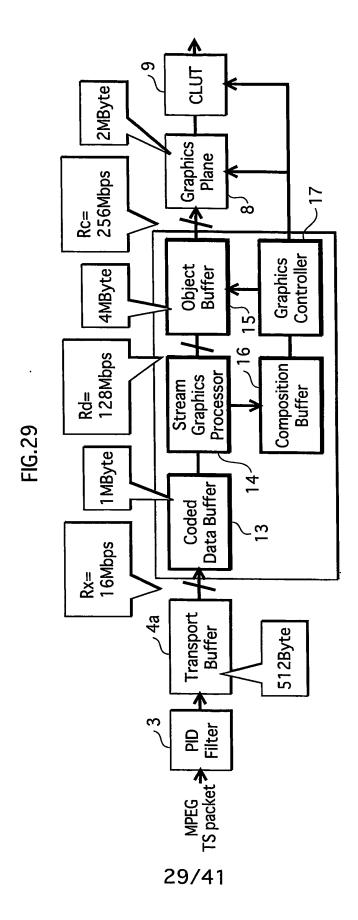


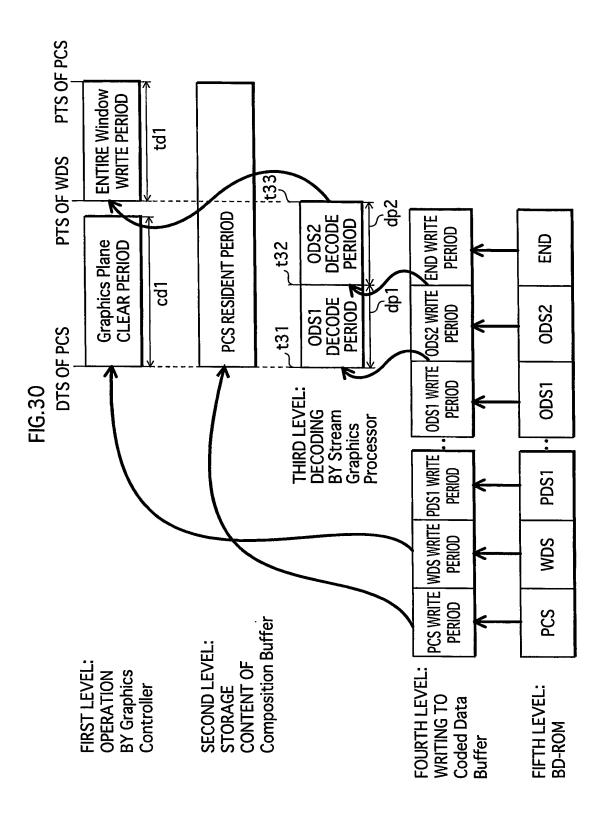
FIG.27C ARRANGEMENT IN OBJECT BUFFER



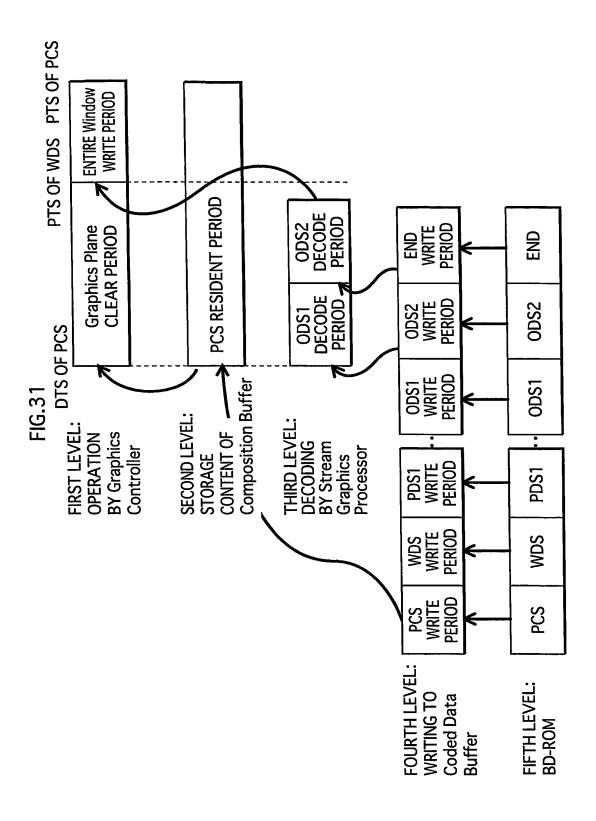


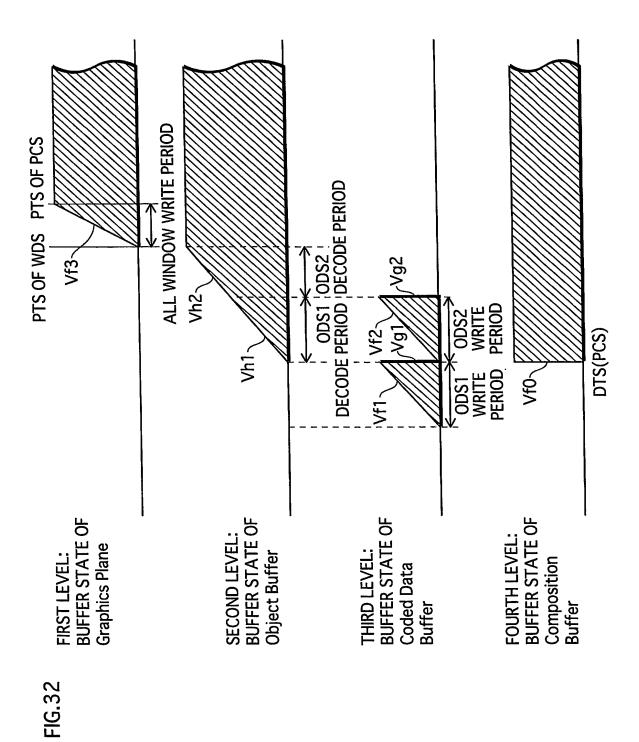


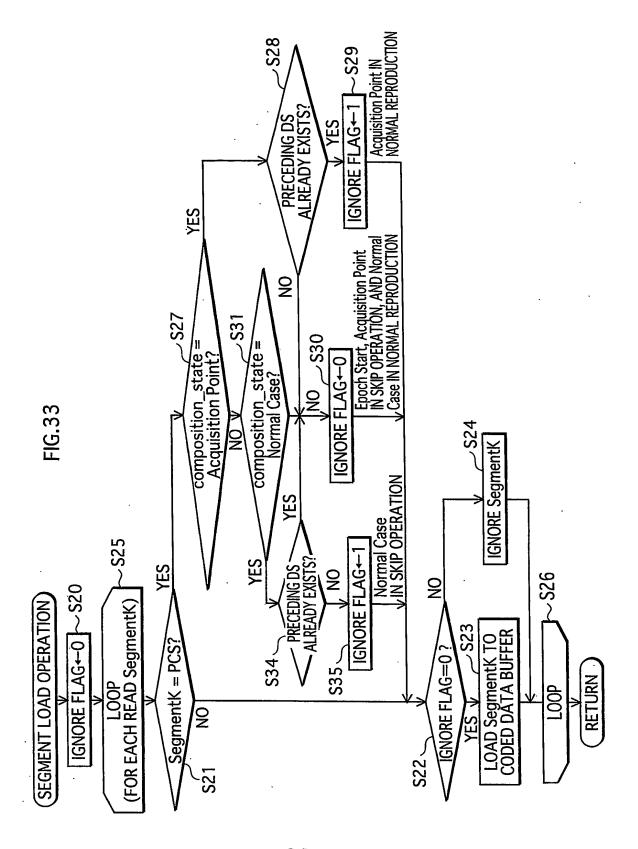
WO 2005/006747



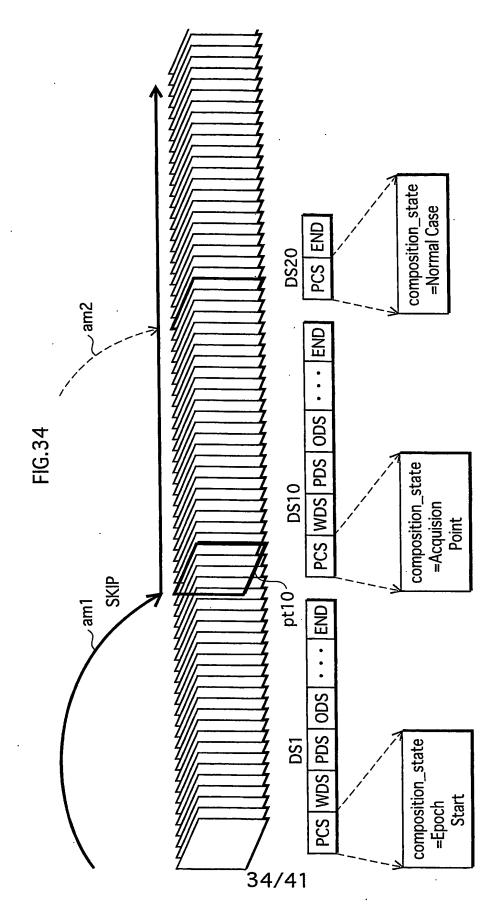
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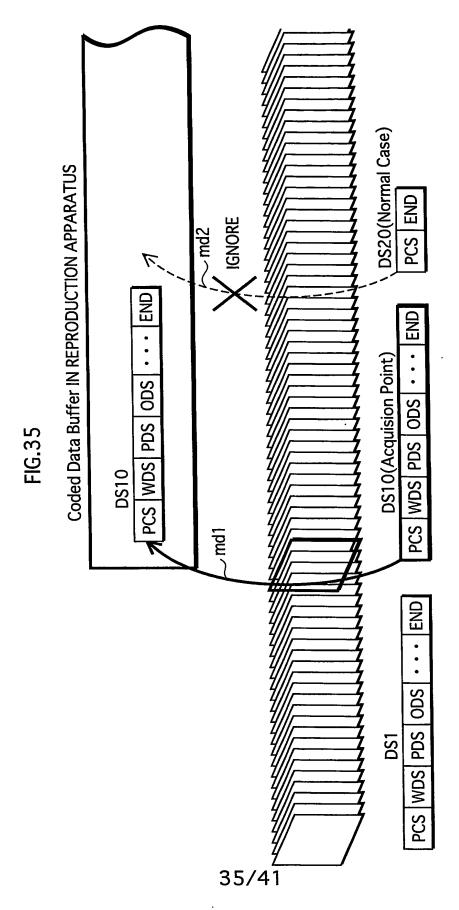


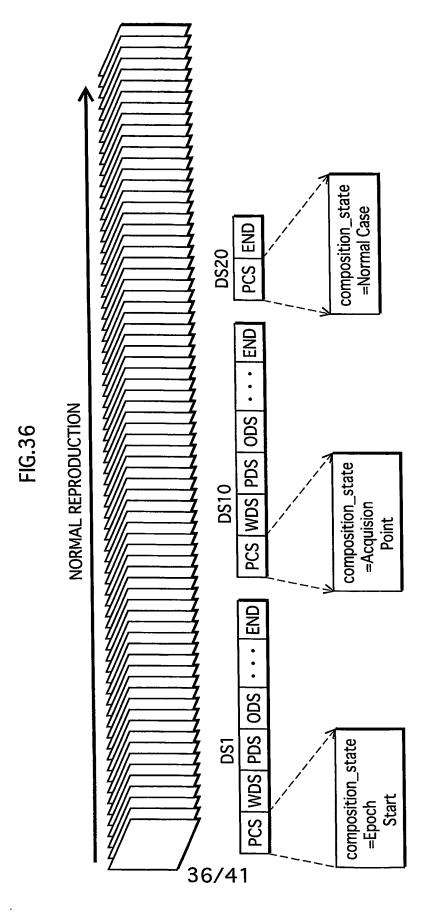




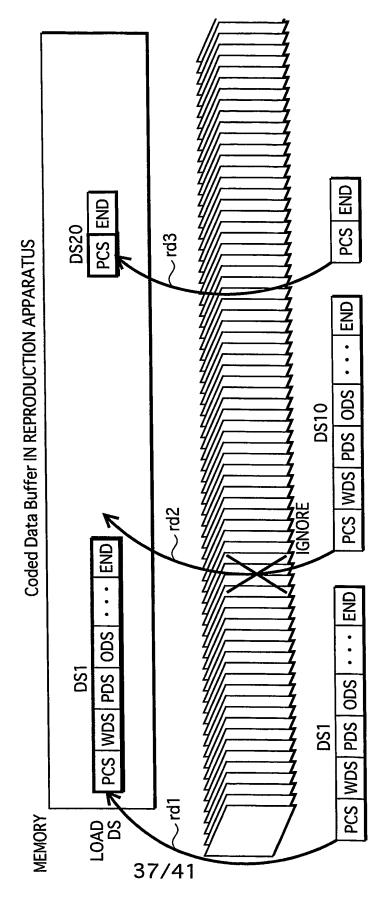
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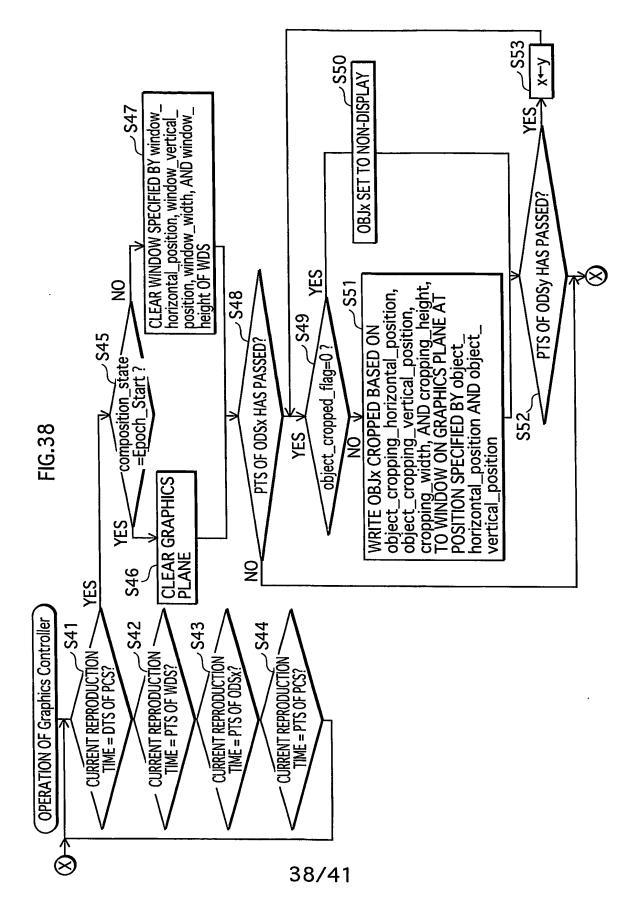


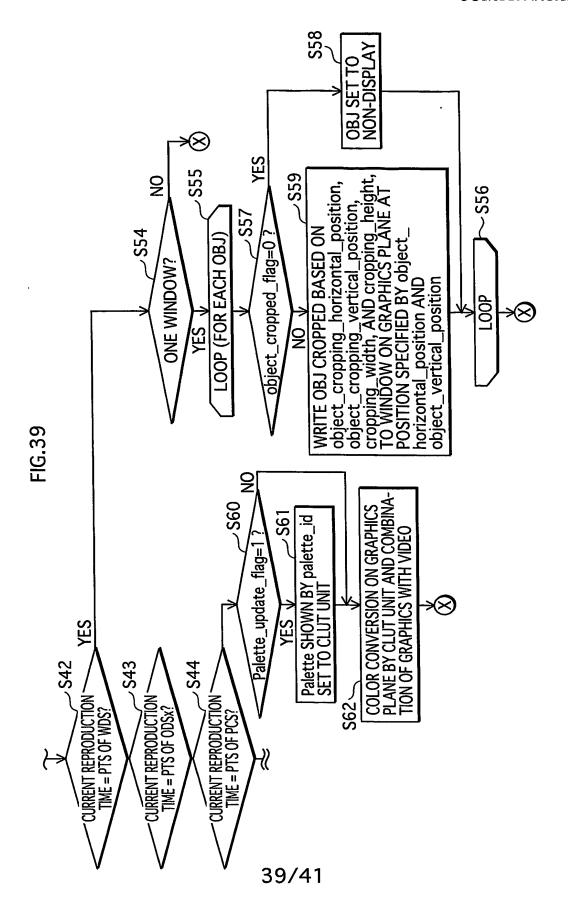












**FIG.40** 

